AMERICAN UNIVERSITY OBSERVATORY

MONTHLY BULLETIN

METEOROLOGICAL SECTION

OWEN GINGERICH, DIRECTOR

GIORGIO CONTINO, ASSOCIATE DIRECTOR

HALIM HOURANI, OBSERVER

BEIRUT, LEBANON

Latitude: 33° 54' 22" N.

Longitude: $2^h\ 21^m\ 52^s.7$ E.

June 1958

LIBRARY
FEB 25 1959
METEOROLOGY

Printed at the American Press.

JUNE 1958

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degrees Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20.30	Mean
1	57.0	57.1	58.0	57.4	28.3	20.6	24.6	27.5	22.4	24.8
2	58.1	58.4	58.7	58.4	27.5	20.7	25.0	26.7	22.7	24.8
3	58.9	58.9	59.2	59.0	28.2	21.0	25.0	27.7	22.7	25.1
4	59.2	58.7	58.7	58.9	28.3	21.3	25.5	27.7	23.0	25.4
5	58.8	58.1	58.0	58.3	28.7	21.2	25.8	27.7	23.1	25.5
6	58.1	57.7	57.9	57.9	28.4	21.8	26.0	28.0	23.2	25.7
7	57.6	57.5	56.7	57.3	28.5	21.2	25.5	28.0	23.4	25.6
8	55.9	55.3	55.6	55.6	28.1	22.0	26.0	27.8	22.9	25.6
9	56.2	56.1	56.4	56.2	28.0	19.1	25.7	27.2	23.0	25.3
10	58.0	58.7	60.1	58.9	28.3	19.7	25.7	26.2	22.2	24.7
11	60.9	61.1	61.8	61.3	28.8	21.0	25.5	28.5	23.0	25.7
12	61.4	61.1	59.9	60.8	30.0	23.5	27.3	29.4	23.5	26.7
13	59.3	58.5	57.8	58.5	31.4	24.6	29.6	30.4	25.4	28.5
14	56.7	56.0	56.1	56.3	32.4	24.5	31.0	30.8	27.5	29.8
15	55.7	56.1	56.8	56.2	34.0	22.6	31.0	30.3	25.2	28.8
16	57.6	57.8	58.1	57.8	28.7	22.0	26.7	27.8	23.5	26.0
17	57.6	58.2	59.0	58.3	28.7	21.7	26.5	28.3	23.2	26.0
18	59.7	60.0	60.3	60.0	28.1	20.4	25.5	27.4	22.4	25.1
19	59.3	58.9	59.0	59.1	27.9	20.0	24.0	27.5	21.9	24.5
20	59.3	59.4	58.6	59.1	28.8	20.6	25.6	28.0	22.8	25.5
21	58.9	58.1	57.3	58.1	28.8	21.0	26.7	28.0	23.0	25.9
22	57.9	57.5	56.9	57.4	29.0	21.5	25.7	28.2	23.3	25.7
23	57.4	57.1	57.2	57.2	29.8	22.2	26.0	28.8	24.1	26.3
24	57.7	57.6	57.4	57.6	29.8	22.7	26.0	29.4	25.6	27.0
25	56.7	55.9	55.3	56.0	29.8	23.0	27.2	29.4	25.0	27.2
26	54.9	54.1	53.6	54.2	30.1	24.0	27.4	29.2	25.0	27.2
27	54.5	54.9	54.7	54.7	30.8	23.4	27.5	29.7	25.4	27.5
28	55.5	55.5	55.7	55.6	30.2	23.0	27.4	29.6	24.9	27.3
29	56.6	57.0	56.8	56.8	30.5	23.8	28.0	30.0	25.5	27.8
30	56.1	56.0	55.7	55.9	29.9	21.8	27.6	28.8	24.0	26.8
31										
	57.72	57.58	57.58	57.63	29.33	21.86	26.57	28.47	23.76	26.26

Barometer, range for month 761.8 mm. — 753.6 mm.
„ 71-yr. average for month 757.92 mm.
Thermometer, range for month 34.0°C — 19.1°C
„ 71-yr. average for month 25.62°C
Rain total for month 3.07 mm.
„ 71-yr average for month 3.26 mm.
„ Total, Sept. 1st. to end of month 857.58 mm.
„ 71-yr average. Sept. 1st. to end of month 891.41 mm.

JUNE 1958

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	21.8	22.0	21.0	21.6	72	59	78	70	12.5	93	
2	22.1	21.9	22.0	22.0	70	63	80	71	11.1	87	
3	22.1	22.9	22.9	22.6	70	62	83	72	12.6	89	
4	22.9	22.9	22.6	22.8	70	62	80	71	12.7	82	
5	22.5	22.9	23.2	22.9	67	62	82	70	12.5	77	
6	23.2	23.0	22.3	22.8	69	61	78	69	12.6	119	
7	23.6	24.0	22.5	23.4	72	64	78	71	11.1	187	
8	20.8	20.8	20.0	20.5	62	56	71	63	12.1	148	
9	19.5	18.5	16.7	18.2	59	51	60	57	11.6	130	
10	18.6	19.3	16.8	18.2	56	56	63	58	12.2	117	2.27
11	18.3	18.6	18.5	18.5	55	47	65	56	13.1	98	
12	20.0	21.9	23.8	21.9	54	53	82	63	12.8	185	
13	22.8	25.2	26.9	25.0	55	58	83	65	12.6	114	
14	19.6	27.6	23.5	23.6	43	62	63	56	12.7	51	
15	24.3	29.5	25.3	26.4	54	70	79	68	12.5	212	
16	21.9	19.6	19.4	20.3	63	53	67	61	12.3	121	
17	18.4	17.4	17.1	17.6	52	45	60	52	12.0	212	
18	14.6	16.6	17.5	16.2	44	46	64	51	12.0	134	
19	21.0	17.3	16.7	18.3	71	46	64	60	12.1	130	
20	18 4	18.3	16 4	17.7	56	48	60	55	13.2	129	0.80
21	20.9	17.8	18.5	19.1	66	47	66	60	13.2	192	
22	20.0	20.4	20.5	20.3	61	53	71	62	13.3	111	
23	21.8	23.3	20.4	21.8	65	59	69	64	13.4	79	
24	24.2	25.5	25.6	25.1	72	62	78	71	13.1	164	
25	25.1	26.5	26.7	26.1	70	64	85	73	12.4	166	
26	26.0	26.6	27.7	26.8	71	66	88	75	11.6	251	
27	26.2	27.4	26.3	26.6	71	67	80	73	11.9	237	
28	25.6	26.3	26.6	26.2	70	64	85	73	12.2	190	
29	25.5	27.1	25.6	26.1	68	64	79	70	12.5	220	
30	25.8	24.1	18.9	22.9	70	59	64	64	12.9	161	
31											
	21.92	22.51	21.73	22.05	63.3	57.6	73.5	64.8	12.43	142.87	0.10

Height of Barometer above sea level : 33.7 meters.
Height of Thermometers above ground :
Dry and wet 1.25 m. ; Max. 1.30 m. ; Min. 1.50 m.
Hygrometric data from readings of wet and dry bulb thermometers exposed in a Stevenson screen, reduced according to M.O. 265.
Rim of Rain Gauge : above ground 0.66 m. ; above sea level 30.31 m.
Rainfall is read at 20:30 for the preceding 24 hours.
71 year averages are for period, 1875-1945

JUNE 1958
METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Beaufort, scale Direction and force of wind			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	7cu-ci	5cu-st	4cu-st	5.3	1nw	3nw	0	light	
2	1st	2ci	0	1.0	2sw	2sw	1nw	,,	
3	10ci	0	0	3.3	2sw	2sw	2sw	,,	
4	4st	1cu-st	0	1.7	2sw	2sw	2sw	,,	
5	0	0	2st	0.7	2sw	2nw	1nw	,,	
6	2st	4st	0	2.0	2sw	2sw	2sw	light	
7	7cu-st	4st	0	3.7	3sw	2sw	2sw	,,	
8	2ci-st	1cu	2cu	1.7	3ne	4w	2w	,,	
9	3cu-st	5cu-st	6cu-st	4.7	2sw	3sw	3w	,,	
10	6cu-st	6cu-st	4cu-st	5.3	2sw	3ne	3w	,,	
11	0	0	0	0.0	2sw	2ne	2ne	light	
12	0	0	0	0.0	2n	3n	3n	,,	
13	0	0	0	0.0	3ne	2ne	3w	,,	
14	0	0	0	0.0	2ne	2ne	0	,,	
15	0	0	0	0.0	2n	2sw	3w	,,	
16	0	1st	3st-cu	1.3	3sw	2sw	3sw	light	
17	5cu-st	6cu-st	4cu-st	5.0	2sw	2w	3w	,,	
18	5cu-st	5cu-st	3cu-st	4.3	2sw	3sw	2w	,,	
19	9cu-ni	5cu-ts	1cu-st	5.0	2w	2w	1w	,,	Tr.a.m
20	0	0	0	0.0	2sw	2w	3ne	,,	
21	0	0	0	0.0	2ne	2ne	3ne	light	
22	0	0	0	0.0	3ne	3ne	2ne	,,	
23	0	0	0	0.0	2sw	2nw	1sw	,,	
24	0	0	0	0.0	2sw	2sw	3sw	,,	
25	0	1ci-st	0	0.3	3sw	2sw	1sw	,,	H.a.m.p.m
26	0	0	1st	0.3	2sw	3sw	2sw	light	H.a.m.p.m
27	0	0	0	0.0	3sw	3sw	1sw	,,	H.a.m
28	3ci-st	0	0	1.0	3sw	3sw	0	,,	H.a.m.p.m
29	2cu-ni	0	0	0.7	2sw	2sw	0	,,	H.a.m
30	5cu-st	2st	0	2.3	3sw	3w	2w	,,	
31									
	mean			1.65					

Abbreviations: G = gale; H = haze; M = mist; T = thunderstorm; D = dew
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	2	5	0	0	0	21	1	1	0	30
14:30	1	6	0	0	0	15	5	3	0	30
20:30	1	4	0	0	0	10	9	2	4	30
Total	4	15	0	0	0	46	15	6	4	90

Number of days with rain 2, fog 0, thunderstorms 0, gale. 0
71 yr. av. number of days with rain during month 0.79
Time of reading minus 2 hours equals G.C.T